

S o n a t a d u a l p u l s e o u t p u t

Application

The Sonata is an advanced and highly accurate ultrasonic water meter for residential applications.

The Sonata's Dual Pulse output provides consumption values at a high resolution.

Each of the two independent digital output channels can be configured to best match the data resolution required by the utility.

Special Features

- 2 Pulse Outputs
- Each Pulse Output can be set to forward/reverse

Technical Specification

General:

- Electronics & battery sealed
- Cable length: 1.5m
- Environmental operation: min -20 °C/max +60 °C
- Storage: min -20 °C / max +70 °C
- Protection rating: IP68
- Life time= 12 Years*
- Configurable - Pulse per 1/10/100/1000 liter

*Test condition: Sonata ¾"; Q3=4 m³/h constantly; pulse width=100 mSec ; Pulse Resolution= 10 Liter per pulse

Pulse Interface

The Sonata pulse output has one cable with 4 wires, color coded as follows:

Wire	Function
Red + Orange	Out#1
Black + Brown	Out#2

Output Characteristics

Outputs type	Bi-Directional Solid State Relay
On-Resistance max.	35 [Ω]
Minimum pulse width	10 [msec]
Load current (AC/DC)	120 [mA]
Total power dissipation max.	800 [mW]
Max voltage AC/DC	36 [v]

